



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5577

SERIAL NUMBER 10/629,875	FILING DATE 07/28/2003  RULE	CLASS 323	GROUP ART UNIT 2838	ATTORNEY DOCKET NO. NLR-35279	
APPLICANTS Arthur G. Birchenough, Brook Park, OH; ** CONTINUING DATA ***** ** FOREIGN APPLICATIONS ***** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 10/27/2003					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no Met after Allowance Verified and Acknowledged <input type="checkbox"/> yes <input checked="" type="checkbox"/> no		STATE OR COUNTRY OH	SHEETS DRAWING 5	TOTAL CLAIMS 21	INDEPENDENT CLAIMS 2
ADDRESS 00116 PEARNE & GORDON LLP 1801 EAST 9TH STREET SUITE 1200 CLEVELAND, OH 44114-3108					
TITLE Series connected buck-boost regulator					
FILING FEE RECEIVED 768	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		